

Color: White

Weight: 6.7 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant
120V	0.25A/0.21A/0.15A
208V	0.15A/0.12A/0.09A
240V	0.13A/0.10A/0.08A
277V	0.11A/0.10A/0.07A
Input Watts	17-28.58W

LED Info

Watts	30/25/18W
Color Temp	3500K/4000K/5000K
Color Accuracy	84-85 CRI
L70 Lifespan	N/A
Lumens	2,293-3,814 lm
Efficacy	125.69-138.1 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for damp locations

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA lm-79 and lm-80

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: S-R1IK8X

Electrical

Driver:

30W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.25A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A

25W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.21A, 208V: 0.12A, 240V: 0.10A, 277V: 0.10A

18W: Class 2, Constant Current, 120-277V, 50/60 Hz, 120V: 0.15A, 208V: 0.09A, 240V: 0.08A, 277V: 0.07A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

3.41% at 120V, 4.37% at 277V

Power Factor:

99.67% at 120V, 96.3% at 277V

Battery Backup:

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120.

Surge Protection:

2.5kV

Construction

Housing:

Steel sheet metal

Cold Weather Starting:

The minimum starting temperature is -20°C (-4°F)

Ambient Temperature:

Suitable for use in up to 40°C (104°F)

Reflector:

High-reflectance, powder-coated finish, optimized for uniform light distribution

Mounting:

Recessed ceiling

Lens:

Polycarbonate lens

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Color Stability:

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Performance

Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Technical Specifications (continued)**Other****5 Yr Limited Warranty:**

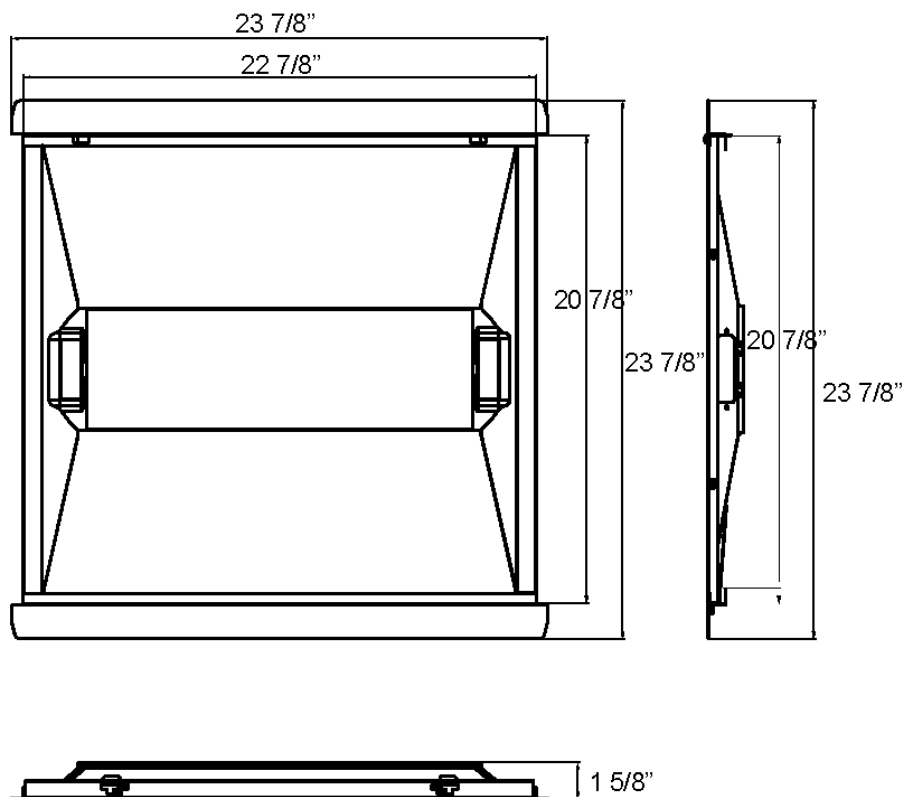
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Note:

All values are typical (tolerance +/- 10%)

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions

Ordering Matrix

Family	Size (Wattages)	Color Temp	Finish	Voltage	Options
RTLED	2X2				
	2X2 = 2' x 2' (30/25/18W) 1X4 = 1' x 4' (30/25/18W) 2X4 = 2' x 4' (35/30/25W)	Blank = 3500K/4000K/5000K Adjustable	Blank = White	Blank = 120-277V, 0-10V Dimming	Blank = No Option /E = Battery Backup /MVS = Microwave Occupancy Sensor /LCB = Lightcloud Blue Enabled /LCBS = Lightcloud Blue Enabled w/ PIR Sensor /LCBS/MVS = Lightcloud Blue Enabled w/ MVS Sensor /MVS/E = Microwave Occupancy Sensor w/ Battery Backup /LCB/E = Lightcloud Blue Enabled w/ Battery Backup /LCBS/E = Lightcloud Blue Enabled w/ PIR Sensor & Battery Backup /LCBS/MVS/E = Lightcloud Blue Enabled w/ MVS Sensor & Battery Backup